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Form PTO 948 (Rev. 10-94)

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

Application No.

8/1733072

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

PTO Draftpersons review all originally filed drawings regardless of whether they are designated as formal or informal. Additionally, patent Examiners will review the drawings for compliance with the regulations. Direct telephone inquiries concerning this review to the Drawing Review Branch, 703-305-8404.

The drawings filed (insert date) 10/16/96 are:
A. not objected to by the Draftsperson under 37 CFR 1.84 or 1.152.
B. not objected to by the Draftsperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this Notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
Black ink. Color.

- Not black solid lines. Fig(s) _____
- Not color drawings are not acceptable until petition is granted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

- Not photographs are not acceptable until petition is granted. Fig(s) _____
- Not photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____
- Not poor quality (half-tone). Fig(s) _____

3. GRAPHIC FORMS. 37 CFR 1.84 (d)

- Not chemical or mathematical formula not labeled as separate figure. Fig(s) _____
- Not group of waveforms not presented as a single figure, using common vertical axis with time extending along horizontal axis. Fig(s) _____
- Not individual waveform not identified with a separate letter designation adjacent to the vertical axis. Fig(s) _____

4. TYPE OF PAPER. 37 CFR 1.84(c)

- Not paper not flexible, strong, white, smooth, nonshiny, and durable. Sheet(s) _____
- Not erasures, alterations, overwritings, interlineations, cracks, creases, and folds copy machine marks not accepted. Fig(s) _____
- Not Mylar, velum paper is not acceptable (too thin). Fig(s) _____

5. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

- 21.6 cm. by 35.6 cm. (8 1/2 by 14 inches)
- 21.6 cm. by 33.1 cm. (8 1/2 by 13 inches)
- 21.6 cm. by 27.9 cm. (8 1/2 by 11 inches)
- 21.0 cm. by 29.7 cm. (DIN size A4)

- Not all drawing sheets not the same size. Sheet(s) _____
- Not drawing sheet not an acceptable size. Sheet(s) _____

6. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Paper size

21.6 cm. X 35.6 cm. (8 1/2 X 14 inches)	21.6 cm. X 33.1 cm. (8 1/2 X 13 inches)	21.6 cm. X 27.9 cm. (8 1/2 X 11 inches)	21.0 cm. X 29.7 cm. (DIN Size A4)
Top (T) 2.5 cm. (1")	Top (T) 2.5 cm. (1")	Top (T) 2.5 cm. (1")	Top (T) 2.5 cm. (1")
Left (L) .64 cm. (1/4")	Left (L) .64 cm. (1/4")	Left (L) .64 cm. (1/4")	Left (L) .64 cm. (1/4")
Right (R) .64 cm. (1/4")	Right (R) .64 cm. (1/4")	Right (R) .64 cm. (1/4")	Right (R) .64 cm. (1/4")
Bottom (B) .64 cm. (1/4")	Bottom (B) .64 cm. (1/4")	Bottom (B) .64 cm. (1/4")	Bottom (B) .64 cm. (1/4")

Margins do not conform to chart above

Sheet(s) _____

Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____

7. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes.

- Not all views not grouped together. Fig(s) _____
- Not views connected by projection lines or lead lines. Fig(s) _____
- Not partial views. 37 CFR 1.84(h) 2

Not View and enlarged view not labeled separately or properly. Fig(s) _____

Not Sectional views. 37 CFR 1.84 (h) 3

Not Hatching not indicated for sectional portions of an object. Fig(s) _____

Not Cross section not drawn same as view with parts in cross section with regularly spaced parallel oblique strokes. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Not Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

- Not Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
- Not Indication such as "actual size" or scale 1/2" not permitted. Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

Not Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black except for color drawings. Fig(s) 2-37A, 4-67

11. SHADING. 37 CFR 1.84(m)

- Not Solid black shading areas not permitted. Fig(s) _____
- Not Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

- Not Numbers and reference characters not plain and legible. 37 CFR 1.84(p)(1) Fig(s) 1-57-72
- Not Numbers and reference characters not oriented in same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
- Not English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____
- Not Numbers, letters, and reference characters do not measure at least .32 cm. (1/8 inch) in height. 37 CFR(p)(3) Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

- Not Lead lines cross each other. Fig(s) _____
- Not Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

Not Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheet(s) _____

15. NUMBER OF VIEWS. 37 CFR 1.84(u)

- Not Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
- Not View numbers not preceded by the abbreviation Fig. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)

- Not Corrections not made from prior PTO-948. Fig(s) _____

17. DESIGN DRAWING. 37 CFR 1.152

- Not Surface shading shown not appropriate. Fig(s) _____
- Not Solid black shading not used for color contrast. Fig(s) _____

COMMENTS:

section lines must be designated by numbers corresponding w/ view numbers (Fig 7)

ATTACHMENT TO PAPER NO. _____

REVIEWER WJS

DATE 4/26/97

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